

Converting Colors

Yxy(31.4938, 0.4250, 0.2713)

Have a look what the booklet for
Yxy(31.4938, 0.4250, 0.2713)
contains.

| | |
|--|----|
| Yxy(31.5051, 0.4246, 0.2710) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(31.5051, 0.4246, 0.2710)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8649D |
| RGB | 248, 100, 157 |
| RGB Percent | 97%, 39%, 62% |
| CMY | 0.0274, 0.6079, 0.3842 |
| CMYK | 0.00, 0.60, 0.37, 0.03 |
| HSL | 337°, 91%, 68% |
| HSV | 337°, 60%, 97% |
| XYZ | 49.3619, 31.5051, 35.3880 |
| YIQ | 150.7500, 69.9110, 49.1030 |

Conversions

Conversions Part 2

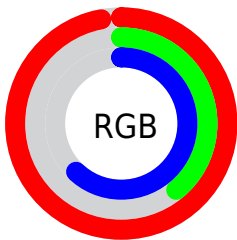
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 248, 100, 157 |
| Decimal | 16278685 |
| CIE Lab | 62.93, 61.68, -1.42 |
| CIE LCh | 63, 61.696, 358.682 |
| Yxy | 31.5051, 0.4246, 0.2710 |
| Android (android.graphics.Color) | 4294468765 (0xFFFF8649D) |
| YUV | 150.7500, 3.0812, 85.2883 |
| Hunter-Lab | 56.1294, 58.7517, 1.9099 |

Details

The Yxy color **31.5051, 0.4246, 0.2710** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **73.6178, 0.2638, 0.4027**, and the grayscale version is **30.7982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0771, 0.3555, 0.2736**, and **13.0564, 0.4601, 0.2522** is the 20% darker color. If you saturate the color by 10%, you get **26.9636, 0.4550, 0.2660**, and if you desaturate by 10%, it is **37.5624, 0.3973, 0.2789**.

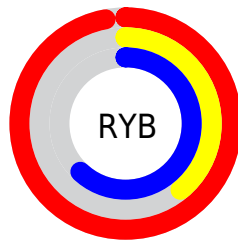
Distribution



Red (97%)

Green (39%)

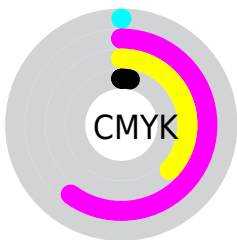
Blue (62%)



Red (97%)

Yellow (39%)

Blue (62%)

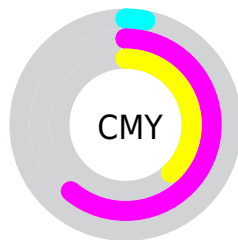


Cyan (0%)

Magenta (60%)

Yellow (37%)

Black (3%)



Cyan (3%)


Magenta (61%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5051, 0.4246, 0.2710 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 31.5051, 0.4246, 0.2710 by changing the saturation by 10% instead.


 31.5051, 0.4246,
0.2710


 31.5051, 0.4246,
0.2710


308.8586, 0.3656,
0.3014

 20.9838, 0.4402,
0.2630


 62.0344, 0.4025,
0.2824


 13.1121, 0.4608,
0.2525


 82.8112, 0.3944,
0.2865

 7.5058, 0.4890,
0.2383


 107.7753, 0.3876,
0.2900

 3.7804, 0.5296,
0.2179

 137.3110, 0.3819,
0.2930

 1.5515, 0.5923,
0.1866

171.8028, 0.3769,
0.2955

 0.3246, 0.7421,
0.1077

211.6351, 0.3727,

 0.0000, 1.0000,

0.2977

0.0000

257.1922, 0.3689,
0.2997

0.0000, 0.0000,
0.0000

31.5051, 0.4246,
0.2710

31.5051, 0.4246,
0.2710

26.9636, 0.4550,
0.2660

37.5624, 0.3973,
0.2789

23.7944, 0.4870,
0.2653

45.2518, 0.3737,
0.2886

21.8347, 0.5186,
0.2698

54.6838, 0.3537,
0.2990

20.8227, 0.5474,
0.2791

65.9581, 0.3372,
0.3095

20.7971, 0.5483,
0.2794

79.1663, 0.3235,
0.3197

 94.3944, 0.3124,
0.3293

 98.7006, 0.3084,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.5051, 0.3240, 0.2213



31.5051, 0.4246, 0.2710



31.5051, 0.4931, 0.3332

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.5051, 0.4246, 0.2710



31.5051, 0.3688, 0.5099



31.5051, 0.1531, 0.2168

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31.5051, 0.4246, 0.2710



73.6178, 0.2638, 0.4027

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.5051, 0.1601, 0.2832



31.5051, 0.4246, 0.2710



31.5051, 0.2785, 0.4855

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.5051, 0.4246, 0.2710



31.5051, 0.4496, 0.4672



31.5051, 0.2024, 0.3881



31.5051, 0.1778, 0.1894

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.5051, 0.4246, 0.2710



31.5051, 0.5042, 0.3778



31.5051, 0.2024, 0.3881



31.5051, 0.1518, 0.2341

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31.5068, 0.4246, 0.2710



72.4442, 0.3347, 0.3113



26.6839, 0.2638, 0.1659



14.6911, 0.3391, 0.3082



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.5068, 0.4246, 0.2710



27.7748, 0.4626, 0.2654



33.0932, 0.4900, 0.3441



17.3359, 0.3233, 0.3199



11.2577, 0.5441, 0.2771



1.0627, 0.5120, 0.2594

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.5068, 0.4246, 0.2710



27.7748, 0.4626, 0.2654



67.8887, 0.2352, 0.3107



17.3359, 0.3233, 0.3199



11.2577, 0.5441, 0.2771



1.0627, 0.5120, 0.2594

Previews

White Background



This preview shows how the Yxy color 31.5051, 0.4246, 0.2710 looks on a white background.

Color Contrast Check

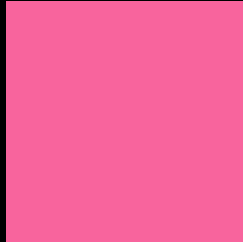
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 31.5051, 0.4246, 0.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.5051, 0.4246, 0.2710

Background



This preview shows how black text looks on a background with the Yxy color 31.5051, 0.4246, 0.2710.



This preview shows how white text looks on a background with the Yxy color 31.5051, 0.4246, 0.2710.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

31.5051, 0.4246, 0.2710

Protanopia

31.7366, 0.2735, 0.2734

Deuteranopia

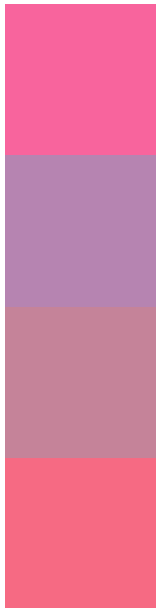
31.7066, 0.3316, 0.3261



Tritanopia

31.6107, 0.4719, 0.3223

Trichromacy



Original Color

31.5051, 0.4246, 0.2710

Protanomaly

29.6219, 0.3209, 0.2680

Deuteranomaly

30.4028, 0.3640, 0.3000

Tritanomaly

31.5396, 0.4550, 0.3037

Monochromacy



Original Color

31.5051, 0.4246, 0.2710

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.2415, 0.3514, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5051, 0.4246, 0.2710 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(248, 100, 157)` looks like.

```
.text, #text, p{  
    color:rgb(248, 100, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(248, 100, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 100, 157) }
```

Border

The CSS property to change the border of an element to Yxy 31.5051, 0.4246, 0.2710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 100, 157) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(248, 100, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(248, 100, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 100, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 100, 157);  
box-shadow:4px 4px 4px 4px rgb(248, 100,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5051, 0.4246, 0.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 100, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(248,  
100, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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